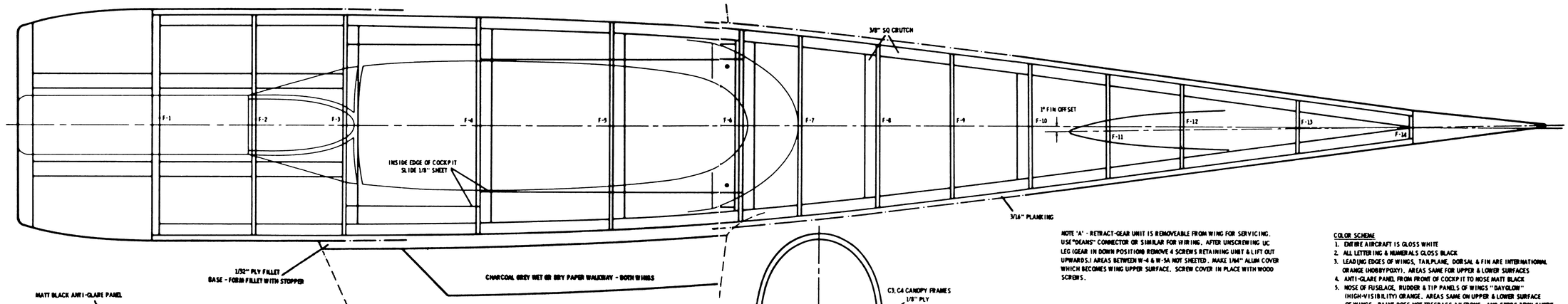

NOTE 'A' - RETRACT-GEAR UNIT IS REMOVEABLE FROM WING FOR SERVICING. USE "DEANS" CONNECTOR OR SIMILAR FOR WIRING. AFTER UNSCREWING UC LEG (GEAR IN DOWN POSITION) REMOVE 4 SCREWS RETAINING UNIT & LIFT OUT UPWARDS. AREAS BETWEEN W-4 & W-5A NOT SHEETED. MAKE 1/64" ALUM COVER WHICH BECOMES WING UPPER SURFACE. SCREW COVER IN PLACE WITH WOOD SCREWS.

NOTE 'B' - OUTER LEG DOOR IS ATTACHED TO WING LOWER SHEETING BY MINITURE HINGES (DOLL HOUSE SUPPLIES), AND IS PULLED UP BY UC LEG VIA A WIRE LINK. INNER LEG DOOR IS ATTACHED DIRECT TO LEG WITH A MACHINE SCREW. WHEEL COVER IS ATTACHED TO BLOCK UNDERWING FAIRING WITH MINITURE HINGES, AND IS FOLDED UP BY WHEEL CONTACTING THE WHISKER. REFER TO FRONT VIEW OF WING/FUSELAGE JUNCTION (SECTION F-4)
IMPORTANT - BE PREPARED TO ACCEPT THAT GETTING RETRACTION "SPOT-ON" WILL TAKE TIME AND PATIENCE.

COLOR SCHEME
1. ENTIRE AIRCRAFT IS GLOSS WHITE
2. ALL LETTERING & NUMERALS GLOSS BLACK
3. LEADING EDGES OF WINGS, TAILPLANE, DORSAL & FIN ARE INTERNATIONAL ORANGE (HOBBYPOXY). AREAS SAME FOR UPPER & LOWER SURFACES
4. ANTI-GLARE PANEL FROM FRONT OF COCKPIT TO NOSE MATT BLACK
5. NOSE OF FUSELAGE, RUDDER & TIP PANELS OF WINGS "DAYGLOW" (HIGH-VISIBILITY) ORANGE. AREAS SAME ON UPPER & LOWER SURFACE OF WINGS. PAINT DOES NOT TRESPASS AILERONS, AND STOPS 3/32" SHORT OF MEETING U. S. INSIGNIAS AND NAVY MARKINGS ON WINGS, GIVING THESE A WHITE OUTLINE
6. STENCILLED INSTRUCTIONS BLACK OR WHITE ACCORDING TO BACKGROUND COLORS. TO GET RUNDOWN OF POSITION OF STENCILS & WHAT EACH READS, USE MAGNIFYING GLASS ON TRANSFER SHEET OF MONOGRAM 1/48 PLASTIC N.A. T-28D FIGHTER-BOMBER. STENCILS TO BE APPROX. 1/16" HIGH
7. INSIDE OF WHEEL WELLS & COCKPIT Z.C. GREEN (ZINC CHROMATE). USE EMULSION PAINT WHICH DOES NOT RAISE GRAIN OF BARE BALSA WOOD

MATT BLACK ANTI-GLARE PANEL
BLACK NUMERALS (NOTE STYLE OF THESE NUMERALS IS DIFFERENT TO REST OF LETTERS AND NUMERALS ON AIRCRAFT)
EDGE OF BLACK PANEL
THIS SECTION OF UPPER COWL REMOVED FOR FLYING, PORT ONLY, TO ACT AS AIR OUTLET
3/32" DOWELS
EXHAUST BOTH SIDES
AIR INTAKE - PORT SIDE ONLY MAKE FROM SCRAP BLOCK - REFER TO MONOGRAM PLASTIC MODEL FOR SHAPE
VIEW OF NOSE DETAILS

DUMMY ENGINE
MAKE ENGINE FROM BALSA - CARVE TO SHAPE - BIND WITH THREAD TO REPRESENT FINS - PAINT BLACK
RELIEVE REAR OF CYLINDER 1 FOR McCOY ENGINE
TYPICAL CYLINDER (REFER TO MONOGRAM WRIGHT CYCLONE-9 PLASTIC KIT FOR DETAILS)
USE ALUM TUBING FOR VALVE GUIDES, COPPER 1/16" WIRE FOR ELECTRICAL LEADS
3/16" SHEET
1/2" SHEET
3/16" SHEET

C3, C4 CANOPY FRAMES 1/8" PLY
PEG CLIPS UNDER COCKPIT SLIDE CANOPIES SLIDE REARWARD
COCKPIT SLIDE
7/16" x 1/2" SUPPORT
COCKPIT FLOOR
COCKPIT SIDE
CRUTCH
SECTION AT F-4
LEG IN RETRACTED POSITION
THEORETICAL POSITION OF "WHISKER" TENSION ON WHEEL KEEPS DOOR TIGHTLY SHUT - ADJUST TILL SATISFACTORY
ALL UC DOORS .020" ALUMINUM
POSITION ASSUMED BY WIRE LINK (RETRACTED)
FAIRING LAMINATED FROM 1/2" SHEET
LEG IN EXTENDED POSITION
.020" WIRE LINK
WHEEL COVER DOOR
.020" WIRE "WHISKER" EPOXY GLUE TO DOOR
INNER LEG DOOR BOLT
1/8" WIRE AXLE EPOXY GLUE TO LEG
UNDERCARRIAGE RETRACTION

NOTE: RUDDER IS DAYGLOW ORANGE, BUT HINGE EXTENSIONS ARE LEFT WHITE.
THIS PANEL IS DI-ELECTRIC PAINT VERY DARK BROWN
BLOCK TIP
1/16" HINGE WIRE
STATIC LINES FROM STRANDED CA WIRE
1/4" SHEET L/E
1/16" FIN RIBS
LEADING EDGE PAINTED INTERNATIONAL ORANGE
BLACK LETTERS "NU"
RUDDER 2 LAMS 1/2" SHEET
FIN COVERED BOTH SIDES WITH 1/16" SHEET
AMBER LIGHT
WHITE LIGHT
BLACK SERIAL
THIS PANEL SURROUNDING SERIAL LEFT WHITE
1/2" ROOT RIB
RUDDER TRIM-TAB CONTROL (SCALE)
ELEVATOR PUSHROD
FIN SPAR
BALSA FILL BLOCKS
FUSELAGE REFERENCE LINE
1/16" PLY RUDDER HORN
TYPICAL STENCIL - SEE COLOR NOTES
HARDWOOD SCALE BUMPER

COCKPIT DETAILS - IT IS RECOMMENDED THAT BUILDERS CONSULT MONOGRAM MODEL AND PROCURE PILOTS HANDLING NOTES FOR T-28B, DETAILS BEING EXCESSIVELY COMPLICATED FOR THIS DRAWING.
CANOPIES MOLDED FROM 1/32" THICK ACETATE
1/8" PLY FRAME
C-1
C-2
C-3
C-4
INTERNAL SHIELD MOLDED IN EMERALD GREEN ACETATE. CUT AWAY AS SHOWN
COWL MADE OF QUARTER-RING SEGMENTS OF 1/2" SHEET. LINE INSIDE WITH 1/16" SHEET
INTAKE FROM SCRAP
NOSE ANTI-GLARE PANEL MATT BLACK
1/16" SHEET OUTSIDE
THIS BLOCK SECTION INTEGRAL WITH FUSELAGE HOLLOW OUT TO LINE.
BUILD COCKPIT SECTION FROM 1-1/2" SQ - SEE SKETCH
COCKPIT SLIDE-SEE PLAN
7/16" x 1/2" SUPPORT
1/32" PLY FACE
3/16" PLANKING
McCOY 60 ENGINE
NOSE TO THIS LINE DAYGLOW ORANGE
1/8" SHEET COCKPIT SIDES
1/8" SHEET FLOOR
FUSELAGE REFERENCE LINE
SCALE 5 DEGREES DOWNTHRUST
10 OZ. TANK
F-1
F-2
F-3
F-4
F-5
F-6
F-7
F-8
F-9
F-10
F-11
F-12
F-13
H-3
H-4
H-5
DURAL SPINNER NUT
3/16" TUFNOL MOTOR PLATES
1/2" SQ BEARERS
SPACE FOR BATTERIES AND RECEIVER
SPACE FOR SERVOS
SPACE FOR SERVOS
1/2" SQ HARDWOOD
TWO 1/8" BOLTS
1/16" SHEET COMPLETE WIDTH OF FUSELAGE
POSITION OF WHEEL RETRACTED
1/32" PLY FILLET BASE
3/8" SQ CRUTCH
13" DIA. 6" PITCH WOOD PROP USED FOR FLYING
MODIFIED DEBOLT RETRACT-GEAR UNIT
STEEL PLUG. SOLDER TO COIL
1/16" SHEET SIDES TO WHEEL WELL
BLOCK BALSA FAIRING
GLOSS BLACK PANEL
3/16" PLANKING
ALL LETTERING BLACK
DURAL LEG PARTS. USE EPOXY ADHESIVE TO FIX TO STEEL PLUG.
3" VECO WHEEL
NOTE AIRPLANE HAS POSITIVE GROUND ANGLE

CANOPY FRAME BLOCKS GLUED UP. LIGHTLY TACK GLUE TO MODEL
CARVED, HOLLOWED REAR FRAME

MODEL IS EXACT SCALE AS DESIGNED - NO CHANGES HAVE BEEN MADE TO WING, TAIL OR CONTROL SURFACE AREAS, DIHEDRAL, WING & TAIL SECTIONS, HINGE LINES OR FUSELAGE CROSS-SECTIONS, ETC.
WING SPAN 66-2/3" WING AREA 731 SQ. IN. WEIGHT 11 LB. FOR ADDITIONAL INFORMATION SEE "FLYING SACLE MODELS" BY R.G. MOULTON (ENGLISH BOOK)
HAS SCALE DRAWING OF T-28B.
THE SCALE OF THIS MODEL IS 1: 7.2

PLATE 1 OF 2

Radio Control modeler MAGAZINE

T-28B

DESIGNED & DRAWN BY	DAVE PLATT	INKED BY	G. FLORES

0 1 2 3 4 5 6

By H.E

ENTIRE WING SHEETED TOP & BOTTOM WITH 3/32" SHEET

BUILD UP LEADING EDGE EXTENSIONS WITH SCRAP BLOCK BALSA

HARD BALSA BLOCK

3/8" DOWEL WING KEYS

1/4" SHEET LE TAPERS IN DEPTH 11/16" TO 7/16"

LEADING EDGE PAINTED INTERNATIONAL ORANGE SEE NOTES

WING TIPS PAINTED HIGH-VISIBILITY (DAYGLOW) ORANGE

PITOT-STARB'D ONLY

TYPICAL RIVET LINE -APPLY WITH CLICK END MARKER OR STICK OF GUM

DAYGLOW OUTLINE

1/4" SHEET MAINSPAR

SPACE FOR AILERON SERVO

CUT AWAY UPPER SURFACE SHEETING IN THIS SPACE FOR ACCESS TO SERVO

5/32" WIRE AILERON ROD

SECURE UNIT TO 1/4" PLY PLATE WITH 4 SCREWS-BLIND NUTS UNDERNEATH.

1/16" PLYWOOD BEARER

TOP PLATE 90 DEGREE BELLCRANK

NAVIGATION LIGHTS PORT-RED, STARB'D -GREEN BALSA

IDENTIFICATION UPPER STARB'D, LOWER PORT WING

MODIFIED DUBOLT RETRACT-GEAR UNIT

TYPICAL STENCIL SEE COLORING NOTES

299-BLACK LETTERS (LOWER SURFACE)

1/4" PLY RETRACTING UC UNIT BEARER

OUTLINE OF WHEEL COVER SEE NOTE "B"

OUTLINE OF OUTER LEG DOOR SEE NOTE "B"

813-BLACK LETTERS (LOWER SURFACE)

DUBRO KWIK-LINK TO AILERON

SMALL HARDWOOD BLOCKS FOR SCREWS RETAINING UC UNIT ALUM COVER

SOLID FILL

AILERON HORN

1/4" x 1/8" SPARS TOP & BOTTOM

1/16" SHEET VERTICAL GRAIN WEBS TO W-5

ALL GUSSETS 3/32" SHEET

AILERON L/E 1/8" SHEET
ALL OTHER AILERON PARTS 1/16" SHEET

BLOCK BALSA WING TIPS

DI-ELECTRIC PANEL VERY DARK BROWN

INSIGNIA UPPER -PORT LOWER -STARB'D

1/16" SHEET FILL BETW'EN SPARS FROM W-7 THRU W-11

WHITE
IDENT. RED
WHITE
WHITE
IDENT. BLUE

STATIC DISCHARGERS

AILERON TRIM TAB MADE SEPERATELY OF 3/8" SHEET & LATER GLUED IN PLACE

ALL PARTS 1/4" PLY

H-3
H-5
H-4
H-6

MARK MEAN-LINE TO MATE WITH RIB CHORD-LINES WHEN BUILDING WING

MAIN SPAR PATTERN - 2 REQD - 1/4" HARD SHEET

AILERON HORN 2 REQD 1/16" PLY

FIN L/E 1/4" SHEET (OVERSIZE ALL ROUND)

FIN SPAR 1/8" SHEET

C/L

F-7
F-9
F-8
F-10
F-11
F-12
F-13
F-14

TO SAVE PLAN SPACE, HALF FORMERS ARE SHOWN

F-7 THRU F-14 1/8" SHEET. CUT HOLES AS NECESSARY FOR ELEVATOR AND RUDDER PUSHRODS.

W-1
W-2
W-3
W-5
W-7
W-9
W-11
W-4
W-6
W-8
W-10

2 EACH REQD 3/32" SHEET

WINDOW FOR HORN MOVEMENT

ELEVATOR 2 LAMS 1/2" SHEET

STATIC DISCHARGERS 1-1/2" LONG

TRIM TAB- CUT OUT AFTER SHAPING ELEVATOR ROUND OFF LEADING EDGE AND REPLACE

1/16" WIRE HINGE

3/32" WIRE

3/32" CLEARANCE TUBING

ELEVATOR HORN

1/4" TRAILING EDGE

H-2
H-1
T-8
T-7
T-6
T-5
T-4
T-3
T-2
T-1

BLOCK BALSA TIP

1/4" x 1/8" ALIGNMENT SPAR

COLOR LINE

LEADING EDGE 1/4" SQ

F-6 1 FROM 1/8" SHEET
1 FROM 1/8" PLY (LOWER HALF)

F-5 1/8" SHEET

1/2" SQ HARDWOOD

NOTE. GRAIN DIRECTION OF ALL FORMERS SPANWISE

COCKPIT RAIL POSITION

FRONT DASH FAIRING

POSITION OF DASH

COCKPIT SIDES & FLOOR ETC.

F-3 1/8" PLY

3/8" HOLE FOR WING KEY

COWL SEGMENTS 1/2" SHEET

HOLE FOR TANK FEED

CUT AWAY AT BOTTOM AS REQUIRED FOR FREE MOVEMENT OF NOSE LEG DURING RETRACTION

F-1 1/4" PLY

F-2 1/8" PLY

TAILPLANE RIBS T-1 1 FROM 1/16" SHEET
T-2 THRU T-8 2 FROM 1/16" SHEET

T-1
T-2
T-3
T-4
T-5
T-6
T-7
T-8

H-1
H-2

2 EACH REQD 1/4" PLY

TRAILING EDGE 1/4" SHEET 2 REQD

PLATE 2 OF 2

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0 1 2 3 4 5 6

By H.E